

Construction in Photos

June 1 - 15, 2016

Water Resource Recovery Department Village of Ashville Ashville's Water Resource Recovery Facility Part A

Presentation Available on Line at:

www.ashvilleohio.gov



Ashville's WRRF Project



Vision Statement

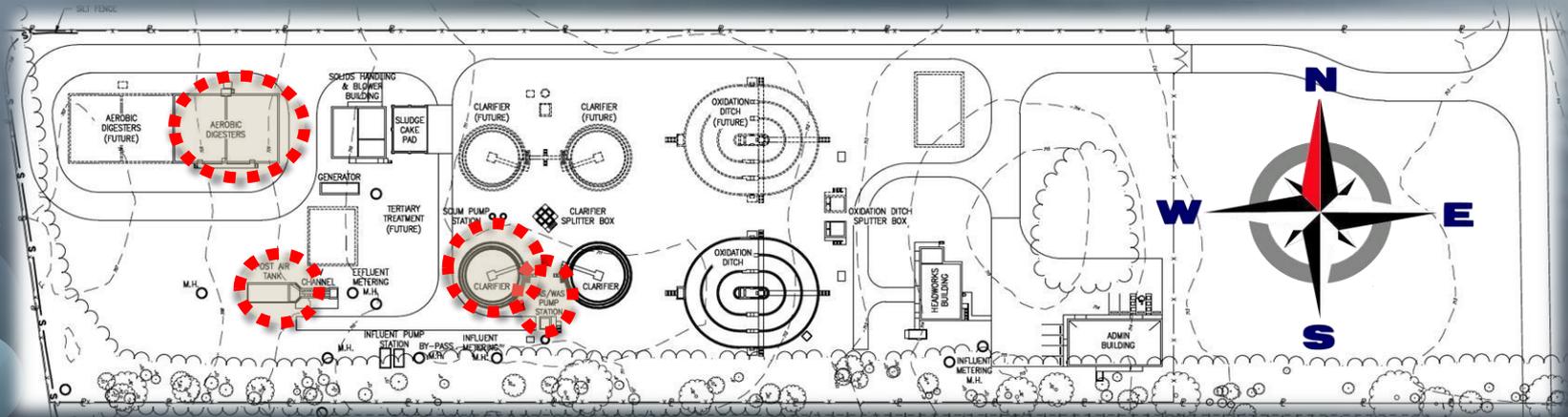
- Remembering our rural heritage, Ashville will be a vibrant and friendly community, offering an enhanced quality of life achieved through planning, progress and collaboration.

It will be a welcoming place where people want to live and businesses prosper.

Ashville's WRRF Project



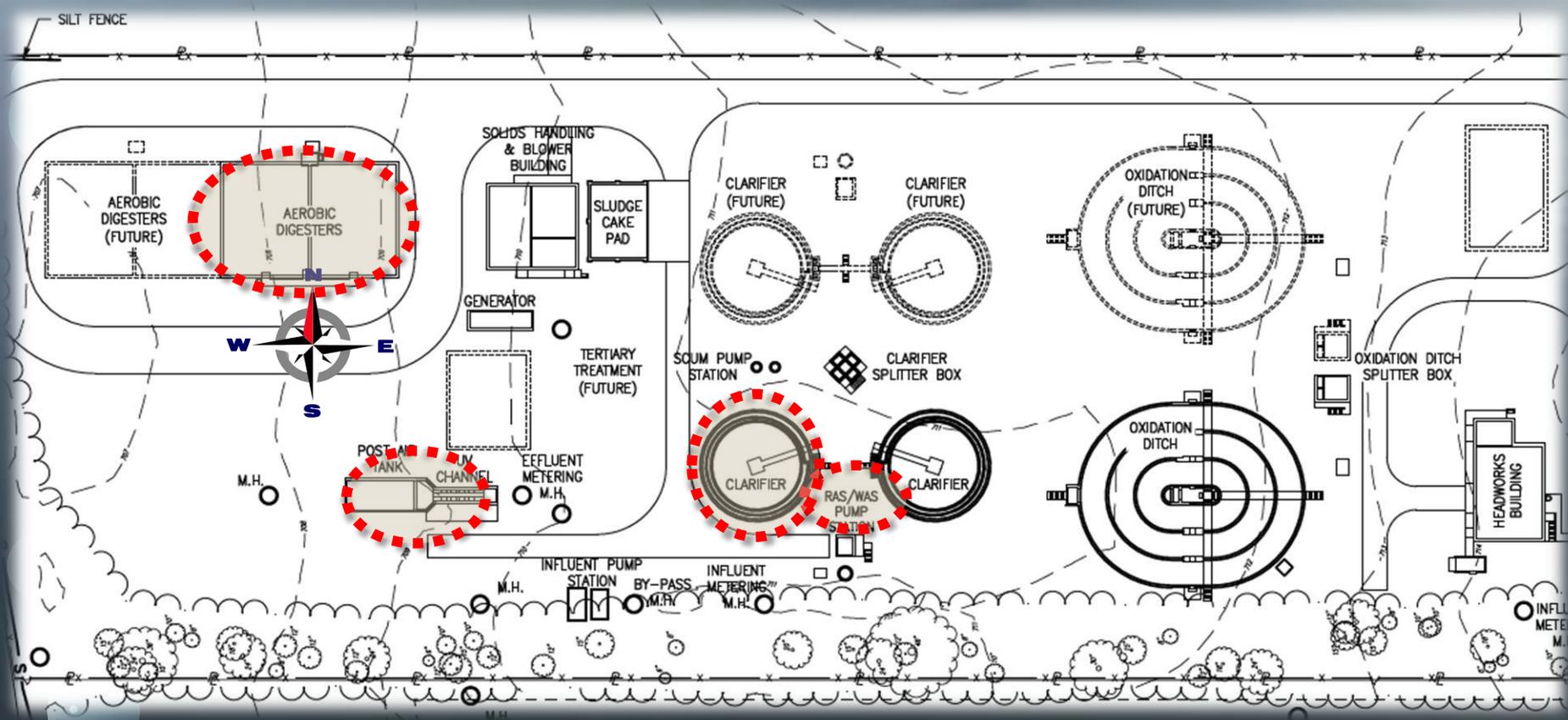
Construction in Photos



Ashville's WRRF Project



Construction in Photos



Ashville's WRRF Project



Construction in Photos



Ashville's WRRF Project



Construction in Photos



- June 1, 2016
- The Post Air Tank effluent weir wall and base slab complete.
- Job No: 60440011

Ashville's WRRF Project



Construction in Photos



• June 1, 2016

- Peterson crew working on Aerobic Digester base slab wall forms. They are installing the inner panels of the North West slab section.

• Job No: 60440011

Ashville's WRRF Project



Construction in Photos



- June 2, 2016
- The 6-inch DIP drain lines for the UV channel mud valves installed and ready for backfill.
- Job No: 60440011

Ashville's WRRF Project



Construction in Photos



- June 2, 2016

- The UV channel 3-inch mud mat installed and will soon be ready for the base slab forms.

- Job No: 60440011

Ashville's WRRF Project



Construction in Photos



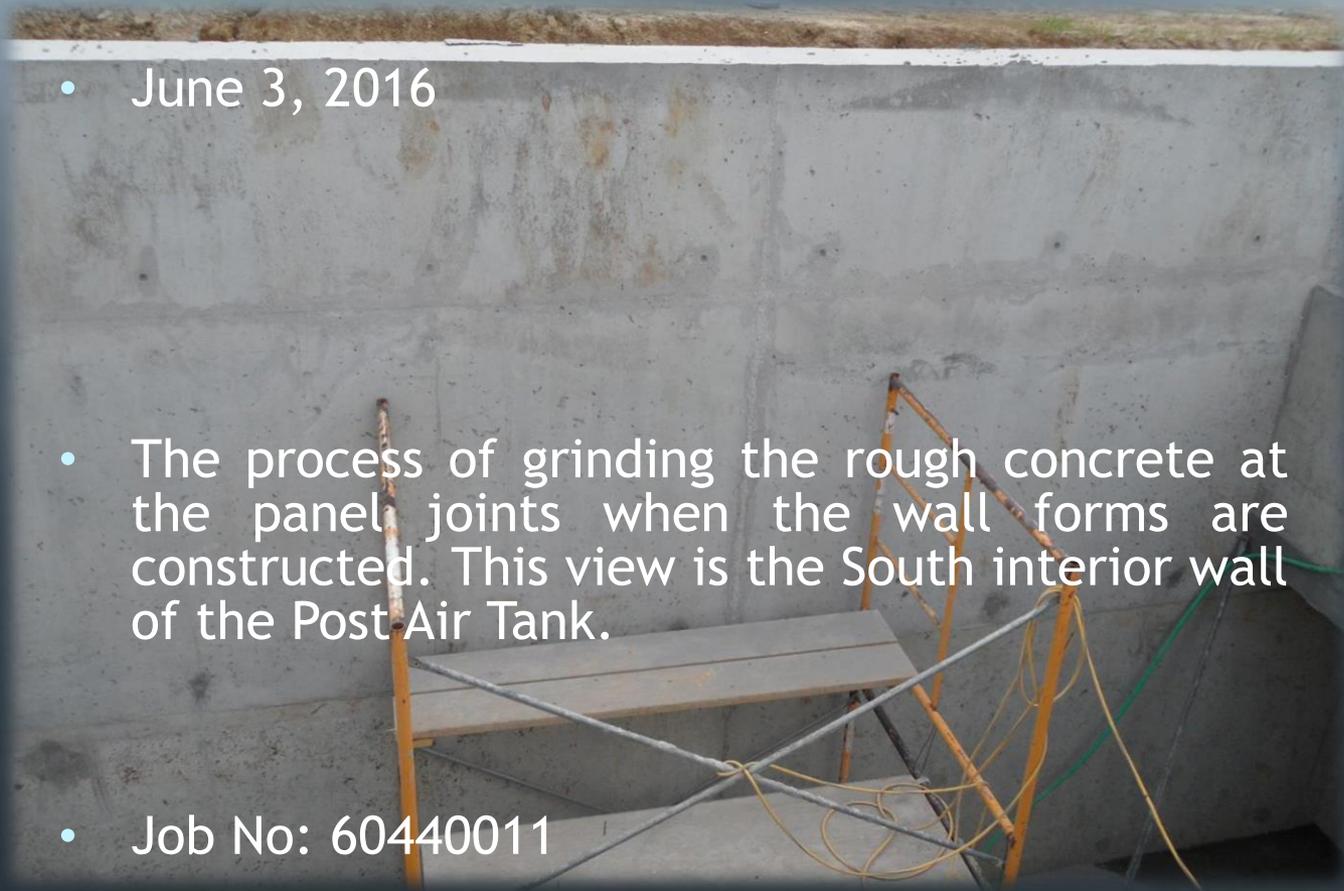
- June 3, 2016
- The UV Channel base slab concrete forms, drain line box-outs and East/West bulkheads completed and now almost ready for rebar.
- Job No: 60440011

Ashville's WRRF Project



Construction in Photos

- June 3, 2016
- The process of grinding the rough concrete at the panel joints when the wall forms are constructed. This view is the South interior wall of the Post Air Tank.
- Job No: 60440011



Ashville's WRRF Project



Construction in Photos



- June 3, 2016
- Peterson crew in the process of stripping topsoil from the sites where the RAS/WAS and Clarifier structures will be constructed.
- Job No: 60440011

Ashville's WRRF Project



Construction in Photos



- June 6, 2016
- The bottom layer of rebar for the UV channel base slab installed by Midwest Reinforcing. Amelcon Electric installed these two 1" & 2" Schedule 40 rigid PVC conduit runs for the future UV Modules.
- Job No: 60440014

Ashville's WRRF Project



Construction in Photos

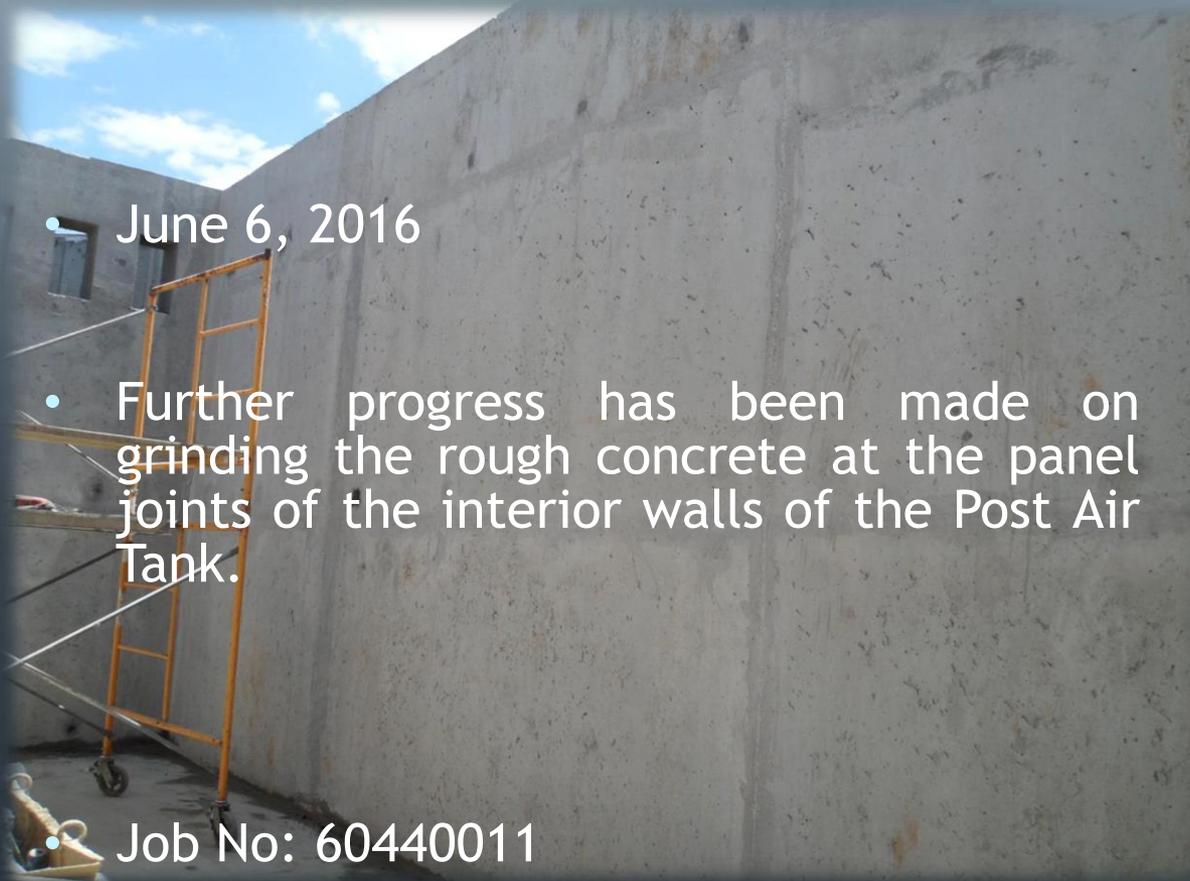
- June 6, 2016
- Ackison Surveying located the North & South East outside corner coordinates of the RAS/WAS so that Peterson could mark out for the excavation to start.
- Job No: 60440011



Ashville's WRRF Project



Construction in Photos



- June 6, 2016

- Further progress has been made on grinding the rough concrete at the panel joints of the interior walls of the Post Air Tank.

- Job No: 60440011

Ashville's WRRF Project



Construction in Photos



- June 6, 2016
- The top layer of rebar for the UV base slab is in place and now ready for the wall dowel rebar.
- Job No: 60440011

Ashville's WRRF Project



Construction in Photos



- June 7, 2016
- The 2 x 4 templates for the UV base slab wall dowels installed and ready for the wall dowel rebar.
- Job No: 60440011

Ashville's WRRF Project



Construction in Photos



- June 7, 2016
- The UV Channel wall dowels are installed and ready for the base slab concrete.
- Job No: 60440011

Ashville's WRRF Project



Construction in Photos



- June 7, 2016
- Peterson crew in the process of excavating for the RAS/WAS structure.
- Job No: 60440011

Ashville's WRRF Project



Construction in Photos



- June 8, 2016
- The UV Channel base slab concrete pour is complete.
- Job No: 60440011

Ashville's WRRF Project



Construction in Photos



- June 9, 2016
- The wall forms and bulkheads installed on the Northwest corner section of the Aerobic Digester.
- Job No. 60440011

Ashville's WRRF Project



Construction in Photos



- June 10, 2016

- Midwest Reinforcing continuing to build Aerobic Digester wall section rebar.

- Job No: 60440011

Ashville's WRRF Project



Construction in Photos



- June 10, 2016

- Peterson crew constructed this 2' x 2' x 3' insulated curing box for all future concrete cylinders cast for this project.

- Job No: 60440011



Ashville's WRRF Project



Construction in Photos



- June 13, 2016

- Peterson crew building the inner wall forms for the RAS/WAS structure that will be set in place by the 80-ton crane at a later date.

- Job No: 60440011

Ashville's WRRF Project



Construction in Photos



- June 14, 2016

- Peterson crew placed approximately 12.5 cu yds of 4500 psi concrete in the middle wall of the UV channel.

- Job No: 60440011

Ashville's WRRF Project



Construction in Photos



- June 14, 2016

- Peterson crew placed approximately 12.5 cu yds of 4500 psi concrete in the RAS/WAS base slab.

- Job No: 60440011

Ashville's WRRF Project



Construction in Photos



- June 14, 2016
- Peterson continuing the West Clarifier excavation. This part of the excavation is for the tank structure once completed they will then excavate the 15 foot layback area around the tank structure.
- Job No: 60440011

Ashville's WRRF Project



Construction in Photos

- June 15, 2016



- Peterson crew made very good progress installing the South wall forms for the UV channel.

- Job No: 60440011

Ashville's WRRF Project



Construction in Photos

- June 15, 2016



- Peterson crew making progress on the West Clarifier excavation.

- Job No: 60440011

Ashville's Water Resource Recover Facility Project Planning Timeline 2015 - 17



3½ Year or 42 Months

WRRF Plan Implementation

- a. 9 months submit detailed design plan (s) and a complete and approvable Permit to Install (PTI) application for the new WWTP, an application for an NPDES permit, and an anti-degradation addendum
 - Correct any deficiencies within 30 days of notification by letter from Ohio EPA
- b. 16 months commence construction of the new WWTP in accordance with the approved PTI
 - Within 7 days of commencing construction notify the CDO
- c. 40 months of the effective date of these Orders, Respondent shall complete construction of the new WWTP in accordance with the approved PTI;
 - Within 7 days of completing construction notify the CDO
- b. 60 days of completion of construction of the new WWTP, the WWTP shall attain operational level and shall meet the final effluent limitations in Respondent's NPDES permit;
 - Within 7 days of attain operational level and meet final effluent limitations notify the CDO

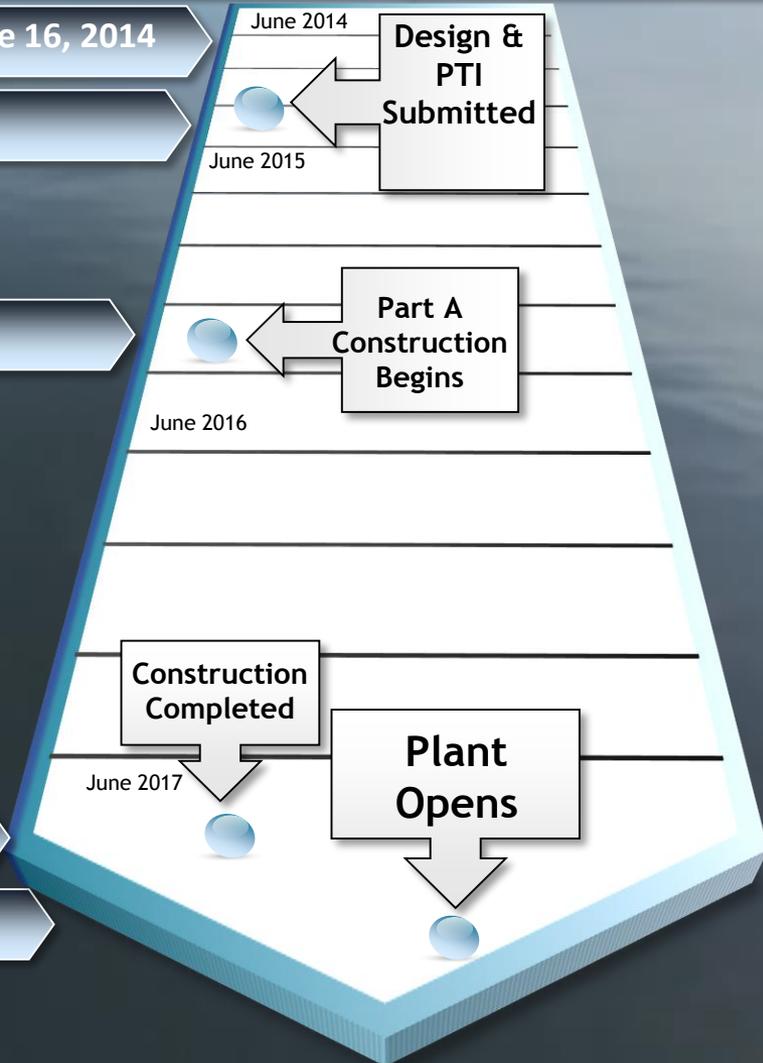
Timeline Begins June 16, 2014

March 4, 2015

March 21, 2016

Sep 16, 2017

Nov 15, 2017





Next Step Part B

THANK YOU

ASHVILLE 
Vision Statement